

KENWOOD TH-K20E

VHF HANDHELD FM TRANSCEIVER | OUTPUT 5,5 W



Key Features

- Frequency Coverage: 144-146 MHz TX, 136-174 MHz RX
- 200 Memories, with alpha-tagging
- 5,5 Watts RF Output from Standard Li-Ion Battery
- Back-Lit Keypad
- Large LCD Display
- Rugged, Compact Design to IP54 and MIL-STD 810G
- Built-In VOX
- Wide/Narrow Channel Deviation
- Multiple Scanning functions
- Free Windows Memory Management software

Amateur Portable Specification

RF Output Power (approx.) : High 5,5 W
RF Output Power (approx.) : Mid 2 W
RF Output Power (approx.) : Low 1 W
Frequency Range - RX - VHF : 136 - 174 MHz
Frequency Range - TX - VHF : 144 - 146 MHz
Antenna Impedance : 50 Ohm
Audio Output Power : More than 400 mW (10% distortion)
Battery Life : With KNB-63L approx. 6 hours at hi-power
: 10-10-80 duty cycle
Dimensions : W x H x D = 54 x 111.7 x 25.3 mm (with KNB-63L, projections not included)
Frequency Stability : TX ± 2.5 ppm
Microphone Impedance : 2 kOhm
Modes : F2D, F3E (FM)
Operating Temp. Range : -20 °C to +60 °C with standard battery
Power Requirement : (nominal) Battery DC 6 to 9 V
Receiver Circuitry : Double Super Heterodyne
Weight : 210 gr (with standard battery, antenna and belt clip)

Construction Features

MIL-STD 810 C/D/E/F : Yes
Ruggedized Construction : Yes
IP54 Compliant : Yes
Supplied with Li-Ion Battery : Yes
SMA Antenna Connector : Yes

Amateur Radio General Features

13-Segment Back-lit LCD Display : Yes
1750 Hz Tone Burst Function : Yes
Antenna Socket : SMA-female
Auto Power Off : Yes
Auto Repeater Offset : Yes
Battery Capacity Indicator : Yes, (Functions when in transmit)

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Battery Saver Function : Yes
Beat Shift Function : Yes
Busy Channel Lock-out : Yes
Channel Display Mode : Yes
CTCSS Encoder/Decoder : Yes
DCS Encoder/Decoder : Yes, 104 Tones with Tone Scan function
Direct Frequency Entry : Yes
DTMF Memory : Yes, 16 memories of 16 digits each
Electronic Serial Number : Yes
Firmware Upgradable : Yes
High-Quality Front Speaker : Yes
Illuminated Front Panel Keys : Yes
Internal VOX : Yes
Key Beep : Yes - adjustable + OFF
Key Lock : Yes
Memory Channel Lock-out : Yes
Memory Channels : 208 Channels
Memory Channels with Alpha-tagging : 200 Memory Channels
Menu System for individual set-up : Yes
Monitor Function : Yes
Multiple Scan Functions : Yes
PC Programmable Memories : Yes
Power-On Message : Yes
Programmable Function Key : Yes
Reverse Repeater Checker : Yes
Time-Out Timer : Yes
Tone Alert Function : Yes, Bell tone
Wide/Narrow Deviation Selection : Yes
Wired Cloning facility : Yes

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